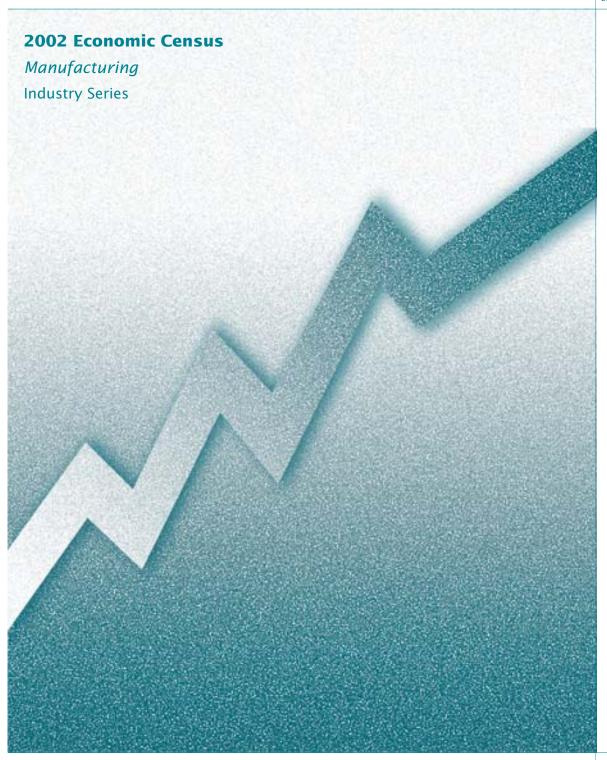
Ammunition (Except Small Arms) Manufacturing: 2002

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Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹		All	All em	ployees	Pro	duction work	kers		materials	value of shipments	
	Com- panies ²		Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)			
332993, Ammunition (except small arms)											
manufacturing	49	54	7 111	305 345	3 874	7 099	121 794	812 399	313 088	1 128 408	r26 162
2001	N	N	5 738	245 369	3 414	5 662	95 192	625 611	201 036	828 986	14 696
2000	N	N	7 324	323 088	3 811	6 599	107 380	696 462	418 144	1 129 448	28 941
1999	N	N	8 335	341 551	4 308	7 714	119 190	794 968	471 809	1 254 391	26 939
1998	N	N	9 487	381 724	4 900	8 715	137 652	840 242	579 145	1 447 099	28 960
1997	45	52	9 281	371 808	4 872	8 787	137 493	834 457	610 634	1 471 101	27 963

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[Not applicable for this report]

Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
332993, Ammunition (except small arms) manufacturing	
Companies ¹ number	49
All establishments ² .	54 29 6 19
All employees³ number. Total compensation \$1,000. Annual payroll \$1,000. Total fringe benefits \$1,000.	7 111 396 348 305 345 91 003
Production workers, average for year	3 874 4 080 3 809 3 608 3 993
Production worker hours	7 099 121 794
Total cost of materials \$1,000. Materials, parts, containers, packaging, etc., used \$1,000. Resales \$1,000. Purchased fuels \$1,000. Purchased electricity \$1,000. Contract work \$1,000.	313 088 251 126 D D 14 434 28 802
Quantity of electricity purchased for heat and power	210 312
Total value of shipments \$1,000 Primary products value of shipments \$1,000 Secondary products value of shipments \$1,000 Total miscellaneous receipts \$1,000 Value of resales \$1,000 Contract receipts \$1,000 Other miscellaneous receipts \$1,000 State of the contract of the contra	1 128 408 602 838 246 047 279 523 0 264 540 D
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industries \$1,000.	71 780 780 602 838 177 942
Coverage ratiopercent	77
Value added	812 399
Total inventories, beginning of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	105 818 1 881 92 080 11 857
Total inventories, end of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	109 342 8 870 82 170 18 302
Gross value of depreciable assets (acquisition costs) at beginning of year. \$1,000. Total capital expenditures (new and used) \$1,000. Buildings and other structures (new and used) \$1,000. Machinery and equipment (new and used) \$1,000. Automobiles, trucks, etc., for highway use \$1,000. Computers and peripheral data processing equipment \$1,000. All other expenditures for machinery and equipment \$1,000. Total retirements \$1,000. Gross value of depreciable assets at end of year \$1,000.	'328 387 '26 162 '6 109 '20 053 '475 '1 824 '17 754 '16 841 '337 708
Depreciation charges during year\$1,000	^r 19 368
Total rental payments \$1,000. Buildings and other structures \$1,000. Machinery and equipment \$1,000.	12 641 6 774 5 867
Total other expenses ⁴	44 406 92 3 664 2 072 1 941 474 D 4 440 D 3 311 2 502 24 190

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on 2002 Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class			All employees		P	roduction worke	ers		Tatal	Tatal	Total
		All estab- lish- ments ²	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	capital expendi- tures (\$1,000)
332993, Ammunition (except small arms) manufacturing											
All establishments Establishments with —	-	54	7 111	305 345	3 874	7 099	121 794	812 399	313 088	1 128 408	'26 162
1 to 4 employees 5 to 9 employees	9 7	18 6	34 42	1 040 1 609	23 26	35 50	396 660	2 272 3 993	474 872	2 747 4 812	r59 r85
10 to 19 employees	5	5 3	71 77	2 793 1 880	58 37	159 71	2 090 770	9 141 4 652	7 990 1 922	17 322 7 203	D D
50 to 99 employees	-	3	229 1 387	8 878 54 702	158 809	276 1 494	4 596 21 859	24 986 156 033	8 238 89 976	33 226 244 499	D 4 620
250 to 499 employees	1	7	2 194	98 817	1 354	2 437	42 176	253 047	107 578	360 933	'8 67 <u>6</u>
500 to 999 employees	=	4 -	3 077	135 626	1 409	2 577	49 247	358 275	96 038	457 666	D –
2,500 employees or more	-	-	-	-	-	-	-	-	-	-	-
Administrative records ⁴	9	18	50	1 643	31	54	561	3 787	789	4 576	r96

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or	Industry or primary product class	All	All employees		Production workers				Total	Total	Total capital
product class code		estab- lish- ments ¹	Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
332993	Ammunition (except small arms) manufacturing	54	7 111	305 345	3 874	7 099	121 794	812 399	313 088	1 128 408	^r 26 162
3329931 3329933	Artillery ammunition (more than 30 mm, more than 1.18 in.)	16	1 954	75 689	1 389	2 457	39 919	213 193	121 213	335 542	r12 279
	(except for small arms)	12	2 530	139 206	1 081	2 104	36 509	342 304	179 179	523 268	r13 780

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of companies with		Product shipments		
Product code	Product	shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)	
332993	Ammunition (except small arms) manufacturing	N N	X	X	780 780 1 300 772	
3329931	Artillery ammunition (more than 30 mm, more than 1.18 in.)	N N	X	X X	387 071 647 163	
33299311	Artillery ammunition	N N	x X	X X	385 782 647 163	
3329931101	Complete artillery rounds, loaded (more than 30 mm, more than 1.18 in.)	6 6	×	×	D 279 288	
3329931106	Artillery ammunition steel cases only (more than 30 mm, more than 1.18 in.)	4	х	Х	29 103	
3329931111	Artillery ammunition projectile metal parts (more than 30 mm. more than 1.18 in.)	3	X X	X X	29 462 2 260	
3329931116	Other artillery ammunition components, including primers, fuses, boosters, and nonsteel cases (more than 30 mm.	4	x	x	115 359	
	more than 1.18 in.)	10 13	X	X	158 010 154 979	
3329931121	Receipts for artillery ammunition loading and assembly	2 5	X	X	D 68 075	
3329931Y	Artillery ammunition (more than 30 mm, more than 1.18 in.), nsk	N N	X X	X	1 289	
3329931YWV	Artillery ammunition (more than 30 mm, more than 1.18 in.), nsk			X	_	
	1997	N N	X X	X X	1 289	
3329933	All other miscellaneous ammunition (except for small arms)	N N	X	X X	388 358 651 375	
33299331	Bombs, depth charges, mines, torpedoes, etc., and parts	N N	X	X X X	279 472 440 346	
3329933101	Bombs, depth charges, mines, torpedoes, etc., and parts	11 18	X X X X X	X X	279 472 440 346	
33299332	Rockets (other than guided missiles) and parts	N N	X	X X	107 947 211 029	
3329933206	Rockets (other than guided missiles) and parts	8	X	X X	107 947 211 029	
3329933Y	All other miscellaneous ammunition (except for small arms), nsk	N N	x	X	939	
3329933YWV	All other miscellaneous ammunition (except for small arms),	Ň	â	â	_	
50233001 VV	nsk	N N	X X	X X	939 -	
332993W	Ammunition (except small arms) manufacturing, nsk, total	Ŋ	X	X	5 351	
332993WY	Ammunition (except small arms) manufacturing, nsk, total	N N N	X X X	X X X	2 234 5 351 2 234	
332993WYWW	Ammunition (except small arms) manufacturing, nsk, for nonadministrative-record establishments	N N	×	X	775	
332993WYWY	Ammunition (except small arms) manufacturing, nsk, for administrative-record establishments	N N	×	X	4 576 2 234	

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
332993	Ammunition (except small arms) manufacturing		
00900001	Total materials	X X	251 126
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products	X	561 857 D
33200095	Other fabricated metal products (excluding castings and forgings)	X X X	13 108 86 621 92 059
33151001	Iron and steel castings (rough and semifinished)	X	8 660 3 520
33152005	Aluminum and aluminum-base alloy castings (rough and semifinished)	x X	3 990 2 792
33152003	Other nonferrous metal castings, rough and semifinished (including aluminum and aluminum-		
	base alloy)	X X	2 957 4 070
33211101	Iron and steel forgings	X	13 931
33120001	Steel shapes and forms (excluding castings, forgings, and fabricated metal products)	X X	3 131 9 447
33142111	Copper and copper-base alloy shapes and forms (excluding castings, forgings, and fabricated	Х	12 971
33142111	metal products)	X X	D 4 270
33100038	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and		
	fabricated metal products)	X X	3 327 N
33100082	Other nonferrous metal shapes and forms (excluding aluminum and aluminum-base alloy and copper and copper-base alloy castings, forgings, and fabricated metal products)	х	D
32592011	1997 Smokeless powder	X	N D
32392011	1997	â	Б
32500065	Other chemicals and allied products	X	D 2 554
32100019	Rough and dressed lumber	X	D
32221001	Paperboard containers, boxes, and corrugated paperboard	X X	1 149 1 016
	1997	Х	2 291
32610011	Fabricated plastics products (excluding gaskets)	X	2 571 6 043
33351501	Machine tool accessories, including cutting tools	X	6 326
00190055	1997 Electronic, hydraulic, and mechanical subassemblies	X X X	2 802 40 761
00070000			
00970099	All other materials and components, parts, containers, and supplies	X X	36 440 N
00971000	Materials, ingredients, containers, and supplies, nsk	X	6 780 38 634

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.